RAW SEQUENCE LISTING   DATE: 06/27/2001
PATENT APPLICATION: **US/09/421,971**   TIME: 15:18:57

Input Set : **A:\SALK2350.ST25.txt**
Output Set: **N:\CRF3\06272001\I421971.raw**

Does Not Comply
Corrected Diskette Needed

```
 3 <110> APPLICANT: GAGE, Fred
 4        SUHR, Steven
 5        GIL, Elad
 6        SENUT, Marie-Claude
 8 <120> TITLE OF INVENTION: HORMONE RECEPTOR FUNCTIONAL DIMERS AND METHODS OF THEIR USE
10 <130> FILE REFERENCE: SALK2350
12 <140> CURRENT APPLICATION NUMBER: US 09/421,971
13 <141> CURRENT FILING DATE: 1999-10-20
15 <160> NUMBER OF SEQ ID NOS: 75
17 <170> SOFTWARE: PatentIn version 3.0
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ERRORED SEQUENCES

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254 <210> SEQ ID NO: 14
255 <211> LENGTH: 13
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <221> NAME/KEY: misc_feature
261 <223> OTHER INFORMATION: Nucleotide encoding SfiI recognition site
263 <220> FEATURE:
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (5)..(9)
266 <223> OTHER INFORMATION: n is either g, t, c, or a
268 <400> SEQUENCE: 14
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E--> `270 ggccnnnnng gcc` ⟋ 13 *format error*
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271        13
326 <210> SEQ ID NO: 18
327 <211> LENGTH: 41
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <221> NAME/KEY: misc_feature
333 <223> OTHER INFORMATION: hRXR N-terminal SfiI primer 5'
335 <400> SEQUENCE: 18
```
same
E--> `337 gtagaattcg gccaacaggg cccatggaca ccaaacattt c`
```
338        41
341 <210> SEQ ID NO: 19
342 <211> LENGTH: 20
343 <212> TYPE: DNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <221> NAME/KEY: misc_feature
348 <223> OTHER INFORMATION: hRXR N-terminal SfiI primer 3'
350 <400> SEQUENCE: 19
```
same
E--> `352 gatgggggag ctcagggtgc`

```
353      20
356 <210> SEQ ID NO: 20
357 <211> LENGTH: 22
358 <212> TYPE: DNA
359 <213> ORGANISM: Artificial Sequence
361 <220> FEATURE:
362 <221> NAME/KEY: misc_feature
363 <223> OTHER INFORMATION: hRXR C-terminal SfiI primer 5'
365 <400> SEQUENCE: 20
E--> 367 ggagagctcg aggcctactg ca
368          22
371 <210> SEQ ID NO: 21
372 <211> LENGTH: 39
373 <212> TYPE: DNA
374 <213> ORGANISM: Artificial Sequence
376 <220> FEATURE:
377 <221> NAME/KEY: misc_feature
378 <223> OTHER INFORMATION: hRXR C-terminal SfiI primer 3'
380 <400> SEQUENCE: 21
E--> 382 accatcgatt cagggccctg ttggcccgtg cggcgcctc
383          39
386 <210> SEQ ID NO: 22
387 <211> LENGTH: 41
388 <212> TYPE: DNA
389 <213> ORGANISM: Artificial Sequence
391 <220> FEATURE:
392 <221> NAME/KEY: misc_feature
393 <223> OTHER INFORMATION: dmusp N-terminal SfiI primer 5'
395 <400> SEQUENCE: 22
E--> 397 gtagaattcg gccaacaggg cccatggaca actgcgacca g
398           41
401 <210> SEQ ID NO: 23
402 <211> LENGTH: 20
403 <212> TYPE: DNA
404 <213> ORGANISM: Artificial Sequence
406 <220> FEATURE:
407 <221> NAME/KEY: misc_feature
408 <223> OTHER INFORMATION: dmusp N-terminal SfiI primer 3'
410 <400> SEQUENCE: 23
E--> 412 cagcacgtgg accattgaca
413      20
416 <210> SEQ ID NO: 24
417 <211> LENGTH: 24
418 <212> TYPE: DNA
419 <213> ORGANISM: Artificial Sequence
421 <220> FEATURE:
422 <221> NAME/KEY: misc_feature
423 <223> OTHER INFORMATION: dmusp C-terminal SfiI primer 5'
425 <400> SEQUENCE: 24
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RAW SEQUENCE LISTING   DATE: 06/27/2001
PATENT APPLICATION: US/09/421,971   TIME: 15:18:57

Input Set : A:\SALK2350.ST25.txt
Output Set: N:\CRF3\06272001\I421971.raw

E--> 427 ggagagctct ttctcgagca gctg
     428   24
     431 <210> SEQ ID NO: 25
     432 <211> LENGTH: 49
     433 <212> TYPE: DNA
     434 <213> ORGANISM: Artificial Sequence
     436 <220> FEATURE:
     437 <221> NAME/KEY: misc_feature
     438 <223> OTHER INFORMATION: dmusp C-terminal SfiI primer 3'
     440 <400> SEQUENCE: 25
E--> 442 accatcgatt cagggccctg ttggcccctc cagtttcatc gccaggccg
     443   49
     446 <210> SEQ ID NO: 26
     447 <211> LENGTH: 36
     448 <212> TYPE: DNA
     449 <213> ORGANISM: Artificial Sequence
     451 <220> FEATURE:
     452 <221> NAME/KEY: misc_feature
     453 <223> OTHER INFORMATION: VP16 N-terminal SfiI primer 5'
     455 <400> SEQUENCE: 26
E--> 457 cataagctta tgggacagac actgatggga cggccc
     458   36
     461 <210> SEQ ID NO: 27
     462 <211> LENGTH: 31
     463 <212> TYPE: DNA
     464 <213> ORGANISM: Artificial Sequence
     466 <220> FEATURE:
     467 <221> NAME/KEY: misc_feature
     468 <223> OTHER INFORMATION: VP16 N-terminal SfiI primer 3'
     470 <400> SEQUENCE: 27
E--> 472 cagagaccat gggccctgtt ggccccccac c
     473   31
     476 <210> SEQ ID NO: 28
     477 <211> LENGTH: 18
     478 <212> TYPE: DNA
     479 <213> ORGANISM: Artificial Sequence
     481 <220> FEATURE:
     482 <221> NAME/KEY: misc_feature
     483 <223> OTHER INFORMATION: VP16 C-terminal SfiI primer 5'
     485 <400> SEQUENCE: 28
E--> 487 ttaccgctag ctccacca
     488   18
     491 <210> SEQ ID NO: 29
     492 <211> LENGTH: 36
     493 <212> TYPE: DNA
     494 <213> ORGANISM: Artificial Sequence
     496 <220> FEATURE:
     497 <221> NAME/KEY: misc_feature
     498 <223> OTHER INFORMATION: VP16 C-terminal SfiI primer 3'

RAW SEQUENCE LISTING   DATE: 06/27/2001
PATENT APPLICATION: US/09/421,971   TIME: 15:18:57

Input Set : A:\SALK2350.ST25.txt
Output Set: N:\CRF3\06272001\I421971.raw

```
     500 <400> SEQUENCE: 29
E--> 502 gtagatatca gggccctgtt ggcccagtcg tcgagt
     503           36
     506 <210> SEQ ID NO: 30
     507 <211> LENGTH: 36
     508 <212> TYPE: DNA
     509 <213> ORGANISM: Artificial Sequence
     511 <220> FEATURE:
     512 <221> NAME/KEY: misc_feature
     513 <223> OTHER INFORMATION: Annealing two linker encoding oligonucleotides 5'
     515 <400> SEQUENCE: 30
E--> 517 gggccaggag gtggctccgg gggaggttca ggcaca
     518           36
     521 <210> SEQ ID NO: 31
     522 <211> LENGTH: 36
     523 <212> TYPE: DNA
     524 <213> ORGANISM: Artificial Sequence
     526 <220> FEATURE:
     527 <221> NAME/KEY: misc_feature
     528 <223> OTHER INFORMATION: Annealing two linker encoding oligonucleotides 3'
     530 <400> SEQUENCE: 31
E--> 532 gcctgaacct cccccggagc cacctcctgg ccctgt
     533           36
     536 <210> SEQ ID NO: 32
     537 <211> LENGTH: 47
     538 <212> TYPE: DNA
     539 <213> ORGANISM: Artificial Sequence
     541 <220> FEATURE:
     542 <221> NAME/KEY: misc_feature
     543 <223> OTHER INFORMATION: F-domain deleted ecdysone receptor fragment polylinker 5'
     545 <400> SEQUENCE: 32
E--> 547 aagcttgaga gatctgggac ggcgcccccg gggctagcgg gccaaca
     548           47
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/421,971

DATE: 06/27/2001
TIME: 15:18:58

Input Set : **A:\SALK2350.ST25.txt**
Output Set: **N:\CRF3\06272001\I421971.raw**

```
L:37  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:40  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:43  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:46  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:49  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:270 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:13 SEQ:14
L:337 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:18
L:352 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:19
L:367 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:22 SEQ:20
L:382 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:39 SEQ:21
L:397 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:22
L:412 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:20 SEQ:23
L:427 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:24
L:442 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:49 SEQ:25
L:457 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:26
L:472 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:31 SEQ:27
L:487 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:18 SEQ:28
L:502 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:29
L:517 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:30
L:532 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:36 SEQ:31
L:547 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:47 SEQ:32
```